

1 ABSTRACT OF THE DISCLOSURE

2 A retractable safety syringe consists of a syringe barrel, a needle mount, a plunger
3 rod and a needle. The needle mount is integrated with an outer hub and an inner hub having
4 a plurality equal-spaced spring clamps formed at a lower end thereof. The plunger rod has
5 a plunger formed with a plunger crown with a cone-shaped tip end portion formed on a top
6 thereof and a neck portion formed between the tip end portion and the plunger crown.
7 When the plunger rod is fully extended into the syringe barrel, the tip end portion is
8 inserted into the lower end of the needle mount and the neck portion is clamped by the
9 spring clamps. The needle is able to be retracted into the syringe barrel after finishing an
10 injection procedure.